



**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

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*Lieutenant Governor*

September 29, 2006

John Thomas  
Legacy Parkway Office  
4001 South 700 East, Suite 450  
Salt Lake City, UT 84107

Subject: Tentative Approval to Commence Large Mining Operations, Utah Dept. of  
Transportation, UDOT Beck Street Quarry, M0110003, Task # 1531,  
Davis County, Utah

Dear Mr. Thomas:

The Division has completed a review of your latest response regarding your large mine plan and is now prepared to tentatively approve the UDOT Beck Street Quarry mine large mining permit application. The formal notice of tentative approval was published for public comment in the appropriate Salt Lake Tribune on September 22, 2006. This began a 30-day public comment period. If no substantive comments are received during the public comment period, the Division will then issue its final approval for this project.

Prior to issuing final approval, we require that you provide us with:

1. A discussion in the plan as to where the make-up (borrowed) topsoil will come from and the amount to be imported (approximately 10,000 yds<sup>3</sup> is needed). The cost for this needs to be included in the reclamation cost estimate until the soil has been delivered).
2. Two copies of the complete and corrected plan. When final approval is issued, one copy will be stamped "approved" and returned to you for your records.
3. A Reclamation Contract (Form MR-RC) and reclamation surety in the amount of \$347,100 (copy of cost estimate attached). Please contact Beth Ericksen @ 538-5318 to obtain the appropriate bond and reclamation contract forms.

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John Thomas  
M0110003  
September 29, 2006

Thank you for your cooperation and patience in completing this permitting process. If you have any questions regarding this letter, please contact me at (801) 538-5325 or Lynn Kunzler at 538-5310.

Sincerely,

A handwritten signature in black ink that reads "Susan M. White". The signature is fluid and cursive, with the first name "Susan" being the most prominent.

Susan M. White  
Mining Program Coordinator  
Minerals Regulatory Program

SMW :LK:jb

cc : Beth Ericksen  
Mike Perkins

Enclosure: reclamation cost estimate

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**RECLAMATION SURETY ESTIMATE**

Utah Department of Transportation

last revision

**09/15/06**

Beck Street Quarry

filename: M011-Davis\m0110003-UDOTBeckStreetQuarry\bond\09-28-2006.xls

DOGM file Number M/011/0003

Davis County

Prepared by Utah State Division of Oil, Gas &amp; Mining

No building or permanent structures are proposed

No waste dumps are proposed

The following costs came directly from UDOT

- Structure removal
- Fencing, signs, gates
- Seed mixture
- Topsoil importation
- Biosolid/woodchip
- Crane for equipment removal
- FEL for equipment removal
- Per trip equipment mobilization costs

**Note: actual unit costs may vary according to site conditions** **last unit cost update** **03/01/05****-Amount of disturbed area which will receive reclamation treatments =****28 acres****-Estimated total disturbed area for this mine =****30 acres**

| <u>Activity</u>                                      | <u>Quantity</u> | <u>Units</u> | <u>\$/unit</u> | <u>\$</u> |
|--|-----------------|--------------|----------------|-----------|
| Structure Removal                                    |                 |              |                | 750       |
| Fencing, Signs, Gates                                |                 |              |                | 50250     |
| Ripping pit floors                                   | 25 acre         |              | 286            | 7150      |
| Topsoil replacement - dozer                          | 18296 CY        |              | 0.68           | 12441     |
| Topsoil replacement- truck and FE loader             | 3321 CY         |              | 3.02           | 10029     |
| Topsoil Importation                                  | 10000 CY        |              | 11             | 110000    |
| Ripping  | 28 acre         |              | 286            | 8008      |
| Seed Mix   | 28 acre         |              | 350            | 9800      |
| Biosolid/Woodchip                                    | 28 acre         |              | 300            | 8400      |
| Broadcast seeding                                    | 28 acre         |              | 280            | 7840      |
| General site cleanup & trash removal                 | 15 acre         |              | 75             | 1125      |
| Equipment mobilization                               | 6 equip         |              | 2000           | 12000     |
| Remove Equipment                                     | 19 trips        |              | 600            | 11400     |
| -Crane   | 5 days          |              | 1000           | 5000      |
| -Front-End-Loader                                    | 50 hours        |              | 210            | 10500     |
| -Supervision   | 50 hours        |              | 50             | 2500      |
| -Labor   | 50 hours        |              | 27             | 1350      |
| Reclamation supervision -10% of reclamation estimate |                 |              |                | 23704     |
|  | Subtotal        |              |                | 291498    |
| 10% Contingency                                      |                 |              |                | 29150     |
|  | Subtotal        |              |                | 320648    |
| Escalate for 5 years at 1.6% per year                |                 |              |                | 26486     |
|  | Total           |              |                | 347134    |